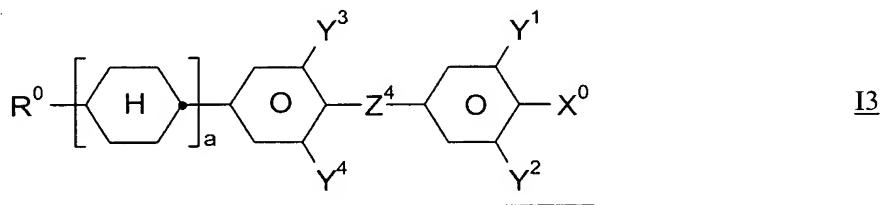
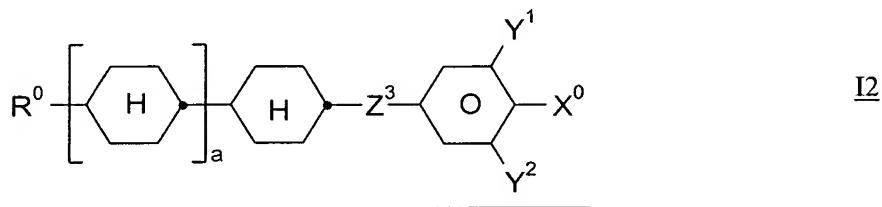
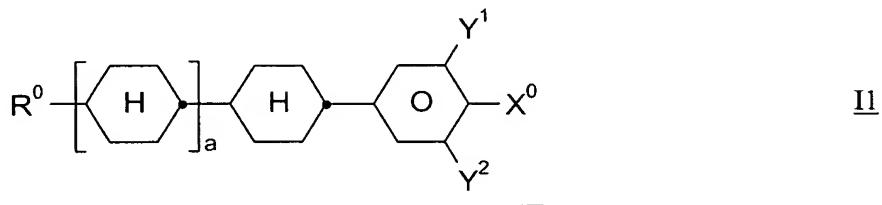


This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Previously Amended) A liquid-crystalline medium having a helically twisted structure comprising a nematic component and an optically active component, wherein the optically active component comprises one or more chiral compounds whose helical twisting power and concentration are selected in such a way that the helical pitch of the medium is $\leq 1 \mu\text{m}$, and the nematic component comprises at least 75% by weight of one or more compounds containing a 3,4,5-trifluorophenyl group

selected from the following formulae



in which

Z³ in each case, independently of one another, denotes COO, C₂H₄, CF₂O or C₂F₄, and

Z⁴ in each case, independently of one another, denotes COO, CF₂O, C₂F₄ or a single bond.

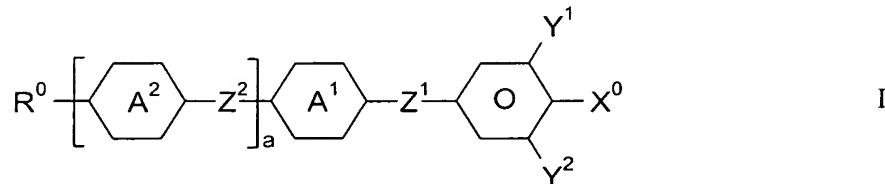
R⁰ denotes H or an alkyl or alkenyl radical having 1 to 20 C atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, where, in addition, one or more CH₂ groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -CO-O-, -O-CO-, -O-CO-O-, -CH=CH- or -C≡C- in such a way that O atoms are not linked directly to one another,

Y¹ to Y⁴ each, independently of one another, denote H or F,

X⁰ denotes F, Cl, halogenated alkyl, alkenyl or alkoxy having 1 to 6 C atoms.
and

a denotes 0 or 1.

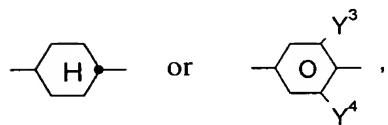
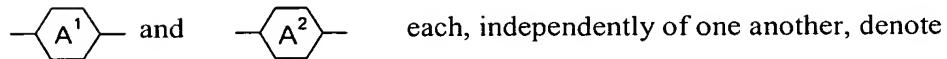
2. (Previously presented) A liquid-crystalline medium of claim 1 wherein the nematic component comprises one or more compounds of the formula I



in which

R⁰ denotes H or an alkyl or alkenyl radical having 1 to 20 C atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, where, in addition, one or

more CH₂ groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -CO-O-, -O-CO-, -O-CO-O-, -CH=CH- or -C≡C- in such a way that O atoms are not linked directly to one another,



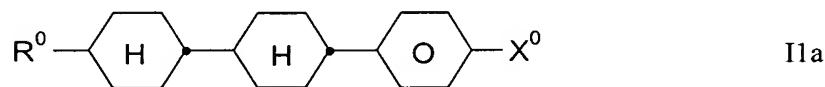
Y¹ to Y⁴ each, independently of one another, denote H or F,

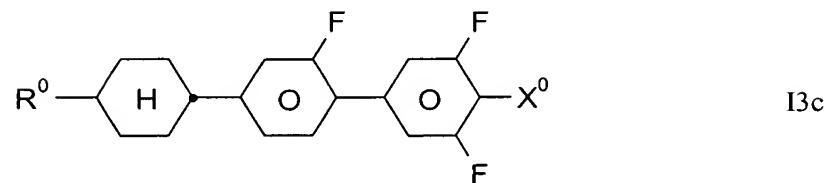
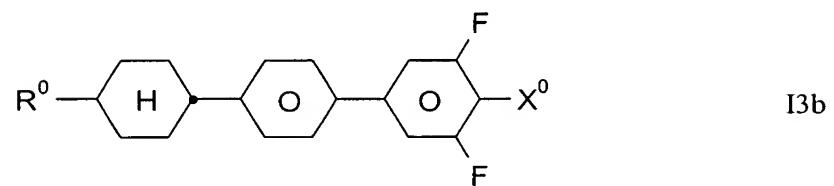
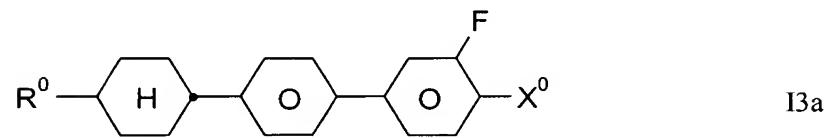
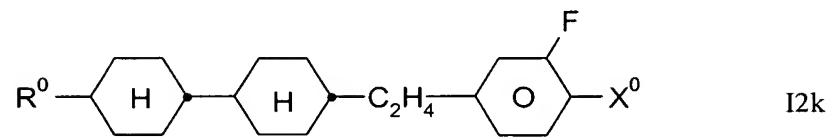
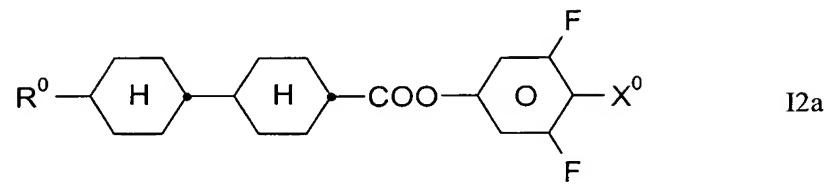
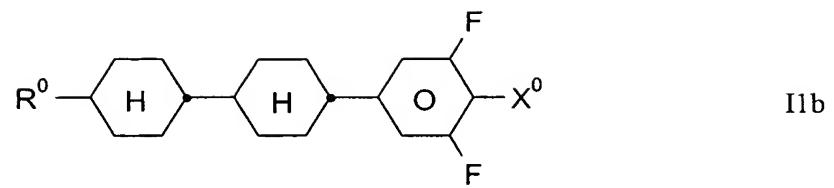
Z¹ and Z² each, independently of one another, denote -O-, -S-, -CO-, -COO-, -OCO-, -S-CO-, -CO-S-, -OCH₂-, -CH₂O-, -SCH₂-, -CH₂S-, -CF₂O-, -OCF₂-, -CF₂S-, -SCF₂-, -CH₂CH₂-, -CF₂CH₂-, -CH₂CF₂-, -CF₂CF₂-, -CH=CH-, -CF=CH-, -CH=CF-, -CF=CF-, -C≡C- or a single bond,

X⁰ denotes F, Cl, halogenated alkyl, alkenyl or alkoxy having 1 to 6 C atoms, and

a denotes 0 or 1.

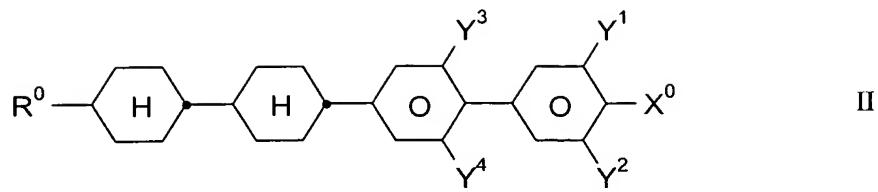
3. (Cancelled)
4. (Previously presented) A medium according to Claim 2, comprising one or more compounds selected from the following formula





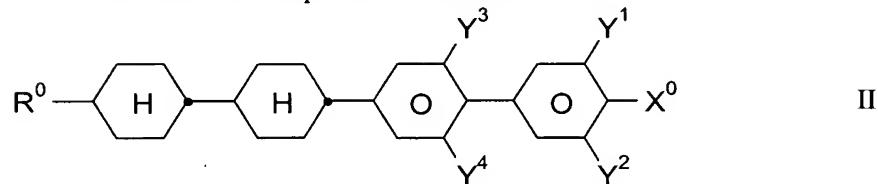
in which R⁰ and X⁰ have the meaning indicated in Claim 2.

5. (Previously presented) A medium according to Claim 2, further comprising one or more compounds of the following formula



in which R^0, X^0, Y^1, Y^2, Y^3 and Y^4 have the meaning indicated in Claim 2.

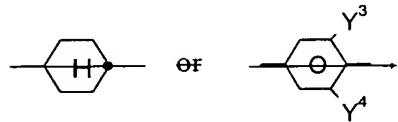
6. (Cancelled)
 7. (Currently Amended) A medium according to Claim 1 3, wherein the nematic component comprises
 - 5 to 50% of compounds of the formula I1,
 - 5 to 45% of compounds of the formula I2,
 - 10 to 65% of compounds of the formula I3,
and
 - 3 to 40% of compounds of the formula II



in which

R^0 denotes H or an alkyl or alkenyl radical having 1 to 20 C atoms which is unsubstituted, monosubstituted by CN or CF₃ or at least monosubstituted by halogen, where, in addition, one or more CH₂ groups in these radicals may each, independently of one another, be replaced by -O-, -S-, -CO-, -CO-O-, -O-CO-, -O-CO-O-, -CH=CH- or -C≡C- in such a way that O atoms are not linked directly to one another,

 and  each, independently of one another, denote



Y^1 to Y^4 each, independently of one another, denote H or F,

X^0 denotes F, Cl, halogenated alkyl, alkenyl or alkoxy having 1 to 6 C atoms.

8. (Previously Amended) A medium according to Claim 1, wherein the medium has a reflection wavelength in the range from 400 to 800 nm.
9. (Previously Amended) A medium according to Claim 1, further comprising one or more dyes.
10. (Previously Amended) An electro-optical, laser-optical or nonlinear-optical device comprising a medium according to claim 1.
11. (Previously Amended) An electro-optical liquid-crystal display containing a medium according to Claim 1.
12. (Previously Amended) An electro-optical liquid-crystal display according to Claim 11, that is a cholesteric, SSCT, PSCT or flexoelectric display.
13. (Previously Amended) An electro-optical liquid-crystal display according to Claim 11, that is an active-matrix display.
14. (Previously Amended) An active laser material or resonator for laser applications, containing a medium according to Claim 1, wherein said medium is a cholesteric liquid crystal medium.

15. (Previously Amended) A laser arrangement or an active laser material or a resonator therefore containing a medium according to Claim 1.
16. (Previously presented) A medium according to claim 4, wherein X^0 in the formula I1a denotes OCF_3 and X^0 in the formulae I1b, I2a, I2k, I3a, I3b and I3c denotes F.
17. (Previously presented) A medium according to claim 2, comprising at least one compound of formula I in which X^0 , Y^1 and Y^2 denote F, and at least one compound of the formula I in which X^0 denotes Cl, CF_3 , OCF_3 or $OCHF_2$.
18. (Previously presented) A medium according to claim 2, wherein Z^1 and Z^2 denote $-COO-$, $-OCO-$, $-OCH_2-$, $-CH_2O-$, $-CF_2O-$, $-OCF_2-$, $-CH_2CH_2-$, $-CF_2CH_2-$, $-CH_2CF_2-$, $-CF_2CF_2-$ or a single bond.
19. (Previously presented) A medium according to claim 2, wherein the nematic component comprises one or more compounds of formula I, wherein Y^1 , Y^2 and X^0 are fluoro, as compounds containing a 3,4,5 -trifluorophenyl group.
20. (Currently amended) A medium according to claim 13, wherein R^0 is n-alkyl, alkoxy, fluoroalkyl, alkenyl or oxaalkenyl, each having up to 9 C atoms.
21. (New) A liquid-crystalline medium according to claim 1, wherein a is 1.
22. (New) A liquid-crystalline medium according to claim 1, wherein the amount of compounds of formula I1-I3 is at least 80%.